Venkatesh Mogili
#WebGuru

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PART-1 & 2

JS/React/Frontend
#Interview Process

Basic Questions

1. Tell me about yourself. (It drives your entire interview process)

2. In which programming language you are strong? (Obviously JavaScript)

3. How much experience you have overall? (0,6months,1+,2+,3+)

4. What kind of projects you worked till now?

5. What other technologies you worked?

Tell me about yourself

- Hi, My name is Venkatesh Mogili.
- I'm a full stack developer having 2+ years experience in various technologies such as React, Angular, NodeJS, MySQL.
- I worked on different projects namely E-Crush, Messenger App, SBI Remit App, Covid19Tracker etc., using both MEAN and MERN stacks.
- I won Stack Hack 1.0 challenge conducted in Hacker Earth Platform.
- Won best performer award within 1 month of joining in Xelpmoc Pvt Ltd., as a Full stack intern for delivering the project on time.
- I created and maintained E-Crush website for more than 2 years, which is still having 8000+ daily requests within the campus.
- Thank you for the great opportunity to introduce myself.

In which language you are strong?

- I'm strong at JavaScript.

In which framework/library you are strong at? React/Angular
- React

How much overall experience?

✓ I have more than 2 years experience but started working on React from last 1 year But I'm strong at JavaScript as it is core for React/Angular/Vue frameworks.

Note: Even if you don't have experience in it, you can mention 6 months internship experience or freelancing experience or own project experience as experience. Certificate is not mandatory, skills are mandatory. How many months you worked on React, just answer that number even if it internship or part time or anything, because Experience is experience.

Can you explain any two projects?

✓ I worked on E-Crush which is great platform which provides communication skills stuff like videos, pdf's, general knowledge, daily facts, news paper and many more great features, It helped a lot of students in my campus including me.
✓ Another project was Messenger App, it's a chatting app and did it for US client within 4 nights as a freelancing project. Features will be like almost whatsapp, Chat features like online, offline status, I did in React Native as a mobile app with Gifted Chat package and SocketIO for real time communication.

Note: Make sure you have done at least 1 or 2 projects, It doesn't matter what kind of good/bad project it is, you just need to work on particular technology for getting practical experience, nothing else. Try to build good projects so that they will helpful to impress the interviewer.

What other technologies you worked?

✓ I worked on React, Angular, Flutter, Vue, NodeJS, Laravel, Propel, AWS, Git, Google Cloud, Bootstrap and many latest trending technologies. I love learning new technologies, so that I worked on these many technologies till now.

Note: You are not required to up to date with all the technologies, You just need to good in at least one technology which is enough, having some experience in other 1 or 2 technologies is enough as we work on more tools along with React, knowing the tools will help you more (like Git, Jira, AWS etc.,)

Main Interview Questions

1. What are the differences between var , let and const keywords? (99%)
2. What is object destructuring?
3. What are the differences between callbacks, promises and async/await?
4. What are APIs means and How we call APIs?
5. How we pass the data between the components in React?
6. What is component in React?
7. Why we use JSX?
8. What is state in React?
9. How many lifecycle phases in React?
10. What is npm?
11. How to create React project?
12. Can we use Uppercase letters or special characters while creating the React project?

Main Interview Questions

1. What is hoisting in JavaScript?
2. What is React? (Library or Framework?)
3. What should be used as key for the list of items in React?
4. What is the use of map, filter?
5. What is the difference between filter and find?
6. What is the difference between map and forEach?
7. How can we get the index of the particular element in the array?
8. How can I add element in the start of the array?
9. How can we do deep copying of the objects?
10. How can we do shallow copying of the objects?
11. What is JSON?
12. How many types of components in React?
13. Do you know Redux? (If yes, then what is reducer?) If no, no problem.

Main Interview Questions

1. Should we use JSX compulsory?
2. What is virtual DOM?
3. Is React One way binding or Two way binding and Why?
4. What is the difference between React and Angular?
5. What is the difference between JavaScript and TypeScript?
6. Is JavaScript has method overloading feature and what is it?
7. Is JavaScript loosely scripted or strongly scripted?
8. What are ES6 features?
9. What are anonymous functions and IIFE functions?
10. What will be the output if I don't return anything from a function?
11. What is the difference between fetch and axios?
12. How can we prevent the page without loading after clicking the submit button?
13. What is inheritance?

Main Interview Questions

1. What is the default port for React and if we want to change, how can we do?
2. What is single page application means?
3. How can we put an image exactly at center?

Code Snippets

1. What is the output for the below code?
   ```
   var a;
   console.log(a);
   ```
2. What is the output?
   ```
   a();
   function a(){
           return 1;
   }
   ```
3. What is the output?
   ```
   a();
   const a=()=>{
           return 1;
   }
   ```
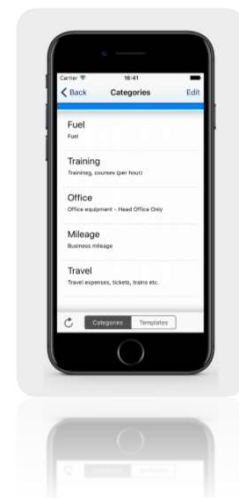
Code Snippets

4. How can we destructure a 'name' property from an object?
   props ={name:'Venkatesh',age:20}

5. How can we use alias to the destructured property? If answered for 3rd question.

6. What is the output?
   ```
   var username='a';
   function foo(){
           let username='b';
   }
   foo();
   console.log(username);
   ```

Code Snippets

7. What is the output?
   ```
   var username='a';
   var foo = (function(username){
           username='b';
           return username;
   })(username);
   console.log(username);
   ```

Non Technical Questions

1. Always be confident while you are answering whether the answer is correct or wrong. Interviewer may test your confidence by asking these kind of questions, is it correct, are you sure, take time and think about it again?
2. Always be polite while answering, No need of sir/mam words while answering as you will be one of the colleague to work with them, So, mostly your colleague or team lead will interview you, So be free and polite.
3. If you really don't know the answer, then just tell them directly with the same confidence (I haven't worked on it, so I don't' have idea on it). Because no one in this world knows everything. So, be honest.

Non Technical Questions

4. When they ask you any questions or doubts from your side? Then you should definitely clear your doubts without saying nothing, no doubts.

   You can ask like this, what kind of projects are currently running in the company, what is the scope for learning new technologies? Which technologies are using the current projects? How will be work culture?

Note: You should not ask about salary things, working days, working hours, Job role etc., to the technical interviewer. You should ask HR in HR round.

HR Round

1. How was the interview?
2. What is your current CTC and expected CTC?
3. Do you have any in hand offers?
4. Which work environment you prefer Work From Home or Office?
5. Can I know in which companies you worked previous?
6. What is your overall experience?
7. Which role you prefer? Frontend or Backend?

Note: If you performed well in interview, then mostly they send you offer letter or else they will conduct another round by giving any task/assignment with 1 or 2 days deadline. If you submitted the task by completing or at least 90% completion, then you can sleep with peace, You will definitely hear good news in 1 or 2 days later. Sometimes, it can be after a week. So, be patience and apply for other companies and keep on attending and getting more offers. If you have more offers, you can demand more package for your skills. 😀
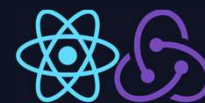

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PART-3

JS/React/Frontend
#Interview Process

How to Create Resume Effectively?

How to Create Resume?

1. Resume helps the recruiter **to get the basic idea on you and your skills**.

2. It should be **as simple and effective as possible**.

❖ **Points To Mention:**

1) **Brief Introduction About You** – Name, email, phone number, qualification, experience.

2) **Education Details** – BTech, 12th and 10th standards.

3) **Work Experience** – If any work experience, you can mention them.

How to Create Resume?

4) **Projects** – most important point that every recruiter finds in your resume. **Keep at least 2 projects**.

❖ **Project details should be simple and effective:**

1. It should have **title, date** from when to when you worked on it.

2. **Technologies** that you used for that project.

3. Brief about the **project in 2 to 3 sentences**.

Mistakes to avoid in Resume

1. As the recruiter work is to **hire continuously**, they **don't show much interest in reading** all your paragraphs that you mentioned in your resume.

2. So, they look for the **main important points related to the job role.**

Mistakes to avoid in Resume

- ✓ **Example:**
- ❖ If the role is related to **ReactJS frontend developer**, they look for the skills like **JavaScript, HTML, CSS, ReactJS** and any other related to frontend.
- ❖ They will search for the **projects that you worked,** If you have mentioned your **projects with simple and effective** manner, they can **easily get an idea about you** without checking any other details.
- ❖ If they **didn't find any projects** in your resume, **they will simply skip your resume.**
- ✓ Let's see one practical Resume how the process works in real time.

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Thank You and All The Best

VVatch   I**M**plement   **T**ry Experiments

VM Training